## WHAT IS CLAIMED IS:

1	<ol> <li>A computer implemented method for resolving host names on a</li> </ol>				
2	network, comprising:				
3	receiving at a modem a host name query from a client				
4	computer;				
5	simultaneously transmitting said host name query from said				
6	modem to a plurality of Domain Name System (DNS) servers; and				
7	returning a response to said client computer from said modem,				
8	where said response is based on said host name query and any				
9	responses received from said DNS servers.				
1	2. The computer implemented method of claim 1, wherein said returning				
2	further comprises:				
3	acquiring at least one address associated with said host name				
4	query, from said DNS servers;				
5	returning said address to said client computer, such that said				
6	client can send a request for content to said address.				
	- A first of a first of the comprising the				
1	3. The computer implemented method of claim 2, further comprising the				
2	steps, after said acquiring step, of:				
3	determining that a plurality of addresses was acquired from said				
4	DNS servers; and				
5	eliminating all but one of said addresses.				

- 1 4. The computer implemented method of claim 3, wherein said
- 2 eliminating comprises rejecting all but the most recent address.
- 1 5. The computer implemented method of claim 3, wherein said
- 2 eliminating comprises rejecting all addresses not provided by a service
- 3 provider DNS server.

1	6. The computer implemented method of claim 1, wherein said returning				
2	further comprises:				
3	determining that a host has not been located by said DNS				
4	servers;				
5	performing a search using said host name query as a search				
6	string; and				
7	transmitting a results address of where results of said search				
8	are located, to said client computer.				
1	7. The computer implemented method of claim 6, wherein said				
2	performing further comprises sending said host name query as a search				
3	string to a search engine.				
1	8. The computer implemented method of claim 7, wherein said sending				
2	further comprises sending said host name query as a search string to a				
3	search engine selected by a service provider.				
1	9. The computer implemented method of claim 7, wherein said sending				
2	step further comprises sending said host name query as a search string to a				
3	search engine selected by a system administrator.				
1	10. The computer implemented method of claim 1, wherein said returning				
2	step further comprises:				
3	searching a cache for an address associated with said host				
4	name query; and				
5	returning a located address to said client, such that said client				
6	computer can send a request for content to said address.				
1	11. The computer implemented method of claim 1,wherein said returning				
2	step further comprises:				
3	searching a cache based on said host name query;				

searching a cache based on said host name query;

4		returning cached content associated with said host name query			
5		to said client computer, such that said client can display said content.			
1	12.	The computer implemented method of claim 1, wherein said modem is			
2	coupi	ed to a VPN (Virtual Private Network), and at least one of said plurality			
3	of DN	IS servers forms part of the VPN.			
1	13.	A computer program product for resolving host names on a Virtual			
2	Privat	te Network (VPN), the computer program product comprising a computer			
3	reada	able storage and a computer program embedded therein, the computer			
4	program comprising:				
5		instructions for receiving a host name query from a client			
6		computer;			
7		instructions for simultaneously transmitting said host name			
8		query to a plurality of Domain Name System (DNS) servers; and			
9		instructions for returning a response to said client computer,			
10		where said response is based on said host name query and any			
11		responses received from said DNS servers.			
1	14.	The computer program product of claim 13, wherein said instructions			
2	for re	turning further comprise:			
3		instructions for acquiring at least one address associated with			
4		said host name query, from said DNS servers;			
5		instructions for returning said address to said client computer,			
6		such that said client can send a request for content to said address.			
1	15.	The computer program product of claim 14, wherein said instructions			
2	for re	turning further comprise:			
3		instructions for determining that a plurality of addresses was			
4		acquired from said DNS servers; and			
5		instructions for eliminating all but one of said addresses.			

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- 1 16. The computer program product of claim 15, wherein said instructions
- 2 for eliminating comprise instructions for rejecting all but the most recent
- 3 address.
- 1 17. The computer program product of claim 15, wherein said instructions
- 2 for eliminating comprise instructions for rejecting all addresses not provided
- 3 by a service provider DNS server.
- 1 18. The computer program product of claim 13, wherein said instructions2 for returning comprise:
- 2
- instructions for determining that a host has not been located bysaid DNS servers;
- 5 instructions for performing a search using said host name query 6 as a search string; and
  - instructions for transmitting an address of where results of said search can be viewed to said client computer.
- 1 19. The computer program product of claim 18, wherein said instructions
- 2 for performing comprise instructions for sending said host name query as a
- 3 search string to a search engine.
- 1 20. The computer program product of claim 19, wherein said instructions
- 2 for sending further comprise instructions for sending said host name guery as
- 3 a search string to a search engine selected by a service provider.
- 1 21. The computer program product of claim 19, wherein said instructions
- 2 for sending further comprise instructions for sending said host name guery as
- 3 a search string to a search engine selected by a system administrator.
- 1 22. The computer program product of claim 13, wherein said instructions
- 2 for returning step further comprise:

3	instructions for searching a cache for an address associated
4	with said host name query; and
5	instructions for returning a located address to said client, such
6	that said client computer can send a request for content to said
7	address.
1	23. The computer program product of claim 13, wherein said instructions
2	for returning further comprise:
3	instructions for searching a cache based on said host name
4	query;
5	instructions for returning cached content associated with said
6	host name query to said client computer, such that said client can
7	display said content.

- 24. The computer program product of claim 13, wherein said modem is
- 2 coupled to a VPN (Virtual Private Network), and at least one of said plurality
- 3 of DNS servers forms part of the VPN.